

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1387	208/106,179.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 13:30
S2	4	US-5286349-\$.DID. OR US-5271808-\$.DID. OR US-5871618-\$.DID. OR US-6132596-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 14:01
S3	7	208/106.ccls. and 208/179.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 13:09
S4	380	208/179.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 13:30
S5	5	208/179.ccls. and thermal adj crack\$4 with (vessel or tank or reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:05
S6	7	208/179.ccls. and thermal\$4 adj crack\$4 with (vessel or tank or reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 13:54
S7	1	208/179.ccls. and thermal\$4 adj crack\$4 with (vessel or tank or reactor) and pressure with vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 13:55
S8	1	208/179.ccls. and thermal\$4 adj crack\$4 with (vessel or tank or reactor) and pressure same vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 13:55
S9	1	208/179.ccls. and thermal\$4 adj crack\$4 with (vessel or tank or reactor) and pressure and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:01
S10	0	S2 and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 14:01
S11	3	208/179.ccls. and thermal\$4 adj crack\$4 same pressure same vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:02
S12	1	208/179.ccls. and thermal\$4 adj crack\$4 and pressure with vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:02
S13	38	208/179.ccls. and pressure with vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:02
S14	7	thermal adj crack\$4 with (vessel or tank or reactor) same pressure with vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:08

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S15	2	thermal adj crack\$4 with (vessel or tank or reactor) same open\$3 with atmosphere	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:09
S16	59	crack\$4 with (vessel or tank or reactor) same open\$3 with atmosphere	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:10
S17	5	S1 and crack\$4 with (vessel or tank or reactor) same open\$3 with atmosphere	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:20
S18	2	S1 and crack\$4 with (vessel or tank or reactor) and vessel with open\$3 with atmosphere	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:21
S19	3	S1 and crack\$4 with (vessel or tank or reactor) and (vessel or tank or reactor) with open\$3 with atmosphere	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:22
S20	6	S1 and (vessel or tank or reactor) with open\$3 with atmosphere	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:24
S21	1	S1 and (vessel or tank or reactor) with de-pressur\$5 with pressur\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:27
S22	0	S1 and (vessel or tank or reactor) with de-pressur\$5 with re-pressur\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:27
S23	1	S1 and (vessel or tank or reactor) with depressur\$5 with repressur\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:27
S24	1	S1 and thermal\$4 adj crack\$4 with (vessel or tank or reactor) and depressur\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:28
S25	7	S1 and thermal\$4 adj crack\$4 with (vessel or tank or reactor) and (de-pressur\$5 or vacuum) with (vessel or tank or reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:08
S26	11	S1 and thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (de-pressur\$5 or vacuum) with (vessel or tank or reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:12
S27	94	S1 and thermal\$4 adj crack\$4 same (vessel or tank or reactor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:48
S28	7	S27 and reactor with opening	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:14
S29	3	S27 and (vessel or tank or reactor) with (open\$3 or releas\$4 or empt\$4) with atmosphere	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:15

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S30	21	S27 and (vessel or tank or reactor) with (open\$3 or releas\$4 or empt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:16
S31	2	S27 and (vessel or tank or reactor) with (open\$3 or releas\$4 or empt\$4) same vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:16
S32	1388	208/106,179.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 10:48
S33	94	S32 and thermal\$4 adj crack\$4 same (vessel or tank or reactor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:54
S34	4	S33 and bleed\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:50
S35	15	S33 and batch	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:51
S36	13	S33 and batch and (vacuum or de-pressuriz\$4 or atmosphere)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:52
S37	13	S33 and batch and (vacuum or depressuriz\$4 or atmosphere)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:52
S38	6	S32 and thermal\$4 adj crack\$4 same (vessel or tank or reactor) and thermal adj crack\$4 same batch	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:59
S39	1	S32 and thermal\$4 adj crack\$4 same (vessel or tank or reactor) and pressure with release	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:01
S40	5	S32 and thermal\$4 adj crack\$4 same (vessel or tank or reactor) and atmosphere with release\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:01
S41	69	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and pressure with release	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:03
S42	55	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (pressure with (release or vacuum or atmosphere) or depressur\$4) with thermal\$4 adj crack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:05
S43	23	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (pressure with (release or atmosphere) or depressur\$4) with thermal\$4 adj crack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:05

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S44	3	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (pressure with release\$4 or depressur\$4) with thermal\$4 adj crack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:06
S45	15	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (pressure with release\$4 or depressur\$4 or release\$4 with atmosphere or vacuum near pressur\$4) with thermal\$4 adj crack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:08
S46	1	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (pressure with release\$4 or depressur\$4 or release\$4 with atmosphere or vacuum near pressur\$4) with (thermal\$4 adj crack\$4 or pyrolysis) same batch same (semi-batch or semi-continuous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:10
S47	5	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and(thermal\$4 adj crack\$4 or pyrolysis) same batch same (semi-batch or semi-continuous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:10
S48	5	thermal\$4 adj crack\$4 same (vessel or tank or reactor) and (thermal\$4 adj crack\$4 or pyrolysis) same batch same (semi-batch or semi-continuous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:10
S49	30	(thermal\$4 adj crack\$4 or pyrolysis) same batch same (semi-batch or semi-continuous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:20
S50	0	(thermal\$4 adj crack\$4 or pyrolysis) same batch same (semi-batch or semi-continuous) same (pressur\$4 with releas\$4 or depressur\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:11
S51	1	(thermal\$4 adj crack\$4 or pyrolysis) same batch same (semi-batch or semi-continuous) and (pressur\$4 with releas\$4 or depressur\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/18 09:43
S52	54	(thermal\$4 adj crack\$4 or pyrolysis) same (semi-batch or semi-continuous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:20
S53	162	208/184.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:39
S54	1	208/184.ccls. and argon	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:17

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S55	1388	208/106,179.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:40
S56	23	S55 and argon	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:40
S57	11	208/184.ccls. and thermal\$4 adj crack\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:22
S58	20	208/184.ccls. and (thermal\$4 adj crack\$4 or pyroly\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:23
S59	2	((waste or used or contaminat4) with oil with thermal\$4 adj crack\$4 with vacuum).clm.	US-PGPUB	OR	ON	2006/09/18 09:45
S60	10	((oil or hydrocarbon) with thermal\$4 adj crack\$4 with vacuum).clm.	US-PGPUB	OR	ON	2006/09/18 09:46